

Model BD-S 56 | Standard-Incubators with gravity convection

The new products in the Solid.Line impress with their tried-and-tested BINDER quality and reliability. They are suited to incubation. The attributes of the Solid.Line are geared towards the application in question and therefore used in research and quality assurance.

BENEFITS

- Easy handling
- Accurate temperature control
- Simple and ergonomic door opening



Model 56

IMPORTANT FEATURES

- Temperature range: ambient temperature +5 °C to 70 °C
- APT.line™ preheating chamber technology
- Gravity convection
- Adjustable exhaust air flap
- Controller with timer function
- Inner door made of tempered safety glass
- 1 chrome-plated rack, incl. shelf supports
- Class 3.1 integrated independent temperature safety device (DIN 12880) with visual alarm

ORDERING INFORMATION

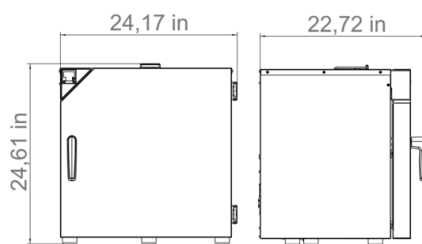
| Interior volume | Power supply - unit fuse | Plug* | Version | Model version | Art.-No. |
|----------------------|--------------------------|--------------------------|-----------|---------------|----------------------------|
| [L] | [L] | | | | |
| Model BD-S 56 | | | | | |
| 62 | 62 | 230 V 1~ 50/60 Hz -6,3 A | CEE 7/7 | Standard | BDS056-230V 9090-0016 |
| | | 120 V 1~ 60 Hz -12,5 A | NEMA 5-15 | Standard | BDS056UL-120V 9090-0017 |

TECHNICAL DATA

| Data | | |
|---|--|--|
| Designation | BDS056-230V | BDS056UL-120V |
| Article Number | 9090-0016 | 9090-0017 |
| Option model | Standard | Standard |
| Performance Data Temperature | | |
| Temperature range | +5 °C above ambient temperature to 70 °C | +5 °C above ambient temperature to 70 °C |
| Temperature uniformity at 37°C | 0.5 ± K | 0.5 ± K |
| Temperature fluctuation at 37°C | 0.3 ± K | 0.3 ± K |
| Heating up time to 37°C | 230 min | 230 min |
| Recovery time after door was opened for 30 s at 37°C | 15 min | 15 min |
| Electrical data | | |
| Rated Voltage | 230 V | 120 V |
| Power frequency | 50/60 Hz | 60 Hz |
| Nominal power | 0,3 kW | 0,3 kW |
| Unit fuse | 6,3 A | 12,5 A |
| Phase (Nominal voltage) | 1~ | 1~ |
| Measures | | |
| Interior volume | 62 L | 62 L |
| Net weight of the unit (empty) | 35 kg | 35 kg |
| Load per rack | 15 kg | 15 kg |
| Permitted load | 45 kg | 45 kg |
| Wall clearance back | 160 mm | 160 mm |
| Wall clearance sidewise | 100 mm | 100 mm |
| Housing dimensions not incl. fittings and connections | | |
| Width net | 614 mm | 614 mm |
| Height net | 625 mm | 625 mm |
| Depth net | 577 mm | 577 mm |
| Internal Dimensions | | |
| Interior width | 400 mm | 400 mm |
| Interior height | 440 mm | 440 mm |

| | | |
|----------------------------------|---------|---------|
| Interior depth | 350 mm | 350 mm |
| Inner doors | 1 | 1 |
| Unit doors | 1 | 1 |
| Environment-specific data | | |
| Energy consumption at 37°C | 25 Wh/h | 25 Wh/h |
| Fixtures | | |
| Number of shelves (std./max.) | 1/3 | 1/3 |

DIMENSIONS Incl. fittings and connections [mm]



OPTIONS

No data found.

ACCESSORIES

| Designation | Description | BD-S 56 | * | Art.-No. |
|----------------------|--|---------|---|-----------|
| Grid shelf | Incl. shelf supports | | | |
| | chrome plated | • | - | 8012-1807 |
| Rubber pads | set anti-slip feet | • | - | 8012-2030 |
| pH-neutral detergent | concentrated, for gentle remove of residual contaminants; 1 kg | • | - | 8012-2250 |

SERVICES

| Designation | Description | * | Art.-No. |
|-----------------------------|--|---|-----------|
| Calibration services | | | |
| Temperature calibration | Calibration of one (1) test temperature specified by the user in center of chamber, including certificate Travel to be quoted separate. | - | DL30-0101 |
| | Extension of calibration of one (1) additional test temperature specified by the user in the center of the usable space, including certificate Travel to be quoted separate. | - | DL30-0102 |

| Designation | Description | * | Art.-No. |
|--|---|---|-----------|
| Temperature measurement, 9 measuring points | Temperature measurement with 9 measuring points with a set value specified by the user, including certificate. Travel to be quoted separate. A total of 3 shelves are required. | – | DL30-0109 |
| Temperature measurement, 27 measuring points | Temperature measurement with 27 measuring points with a set value specified by the user, including certificate. Travel to be quoted separate. A total of 3 shelves are required. | – | DL30-0127 |
| Installation services | | | |
| Unit installation | Connect the unit to the customer-side connections (electricity, water, wastewater, gas), basic functions check, brief operating instructions. (excl.: unpacking, setup, controller instructions, programming, installation work) Travel to be quoted as separate. | – | DL10-0100 |
| Unit instructions | Instruction regarding operating principle and basic functions of the unit, operation of the control electronics including programming. Travel to be quoted as separate Limited to 3 hours. | – | DL10-0500 |
| Maintenance services | | | |
| BRONZE 3-year maintenance contract | Annual Device Inspection Includes Preventive Maintenance with Calibration Certificate. 10% Discount on Spare Parts and Labor for any additional Services needed Wear + tear parts to be purchased or billed to customer. Travel to be quoted as separate. | – | DL20-0710 |
| GOLD 3-year maintenance contract | Annual Device Inspection Includes Preventive Maintenance with Calibration Certificate of Temperature. 25% Discount on Spare Parts and Labor for any additional Services needed. One additional courtesy visit per year can be used for service visit or operator. Wear + tear parts to be purchased or billed to customer. Travel to be quoted separate. | – | DL20-0910 |
| Preventive maintenance | One-off maintenance service in accordance with maintenance schedule. Visual inspection of mechanical and electrical components, testing of all key functions. Checking a test temperature specified by the user in center of usable space without certificate. Wear + tear parts need to be purchased or billed to customer. Travel to be quoted as separate. | – | DL20-0200 |
| SILVER 3-year maintenance contract | Annual Device Inspection Includes Preventive Maintenance with Calibration Certificate 15% Discount on Spare Parts and Labor for any additional Services needed One additional courtesy visit per year can be used for service visit or operator training. Wear + tear parts to be purchased or billed to customer. Travel to be quoted separate. | – | DL20-0810 |
| Warranty service | | | |
| 1-year warranty extension | The warranty is extended by 1 year from the delivery date, wear parts are excluded | – | DL50-0010 |

BINDER GmbH
 Tuttlingen, Germany
 TEL +49 7462 2005 0
 FAX +49 7462 2005 100
 info@binder-world.com
 www.binder-world.com

BINDER Inc.
 Bohemia, NY, USA
 TEL +1 631 224 4340
 FAX +1 631 224 4354
 usa@binder-world.com
 www.binder-world.us

**BINDER Environmental Testing
 Equipment (Shanghai) Co., Ltd.**
 Shanghai, P.R. China
 TEL +86 21 685 808 25
 FAX +86 21 685 808 29
 china@binder-world.com
 www.binder-world.com

BINDER Asia Pacific (Hong Kong) Ltd.
 Kowloon, Hong Kong, P.R. China
 TEL +852 39070500
 FAX +852 39070507
 asia@binder-world.com
 www.binder-world.com